

AMENDMENTS TO THE CLAIMS:

Please amend claims 1, 4, 9, 12-14 and 16, and add new claims 18-20 as follows:

1. (Currently amended) A data server used in a system for supplying complementary augmentation data for satellite navigation user signals, said system including at least one computer for determining said augmentation data, which is determined from data transmitted by at least one receiver station receiving navigation information sent by at least one satellite, said server comprising:

a first input for receiving said augmentation data transmitted by said computer;
a first output~~(402)~~ for sending said augmentation data to at least one user; and
a second output for retransmitting said augmentation data to said computer with a predetermined time-delay relative to reception at said first input.

2. (Previously presented) A server according to claim 1, comprising a third output for retransmitting at least part of said augmentation data to said computer at the same time as sending said augmentation data to the user via said first output.

3. (Previously presented) A server according to claim 1, comprising a second input for receiving information data coming from at least one user.

4. (Currently amended) A server according to claim 3, ~~comprising means for wherein said server is adapted to particularizing—particularize~~ said augmentation data sent via said first output as a function of said information data.

5. (Previously presented) A server according to claim 1, wherein said server is assigned an available geostationary satellite identification number.

6. (Previously presented) A server according to claim 1, wherein said server is assigned a virtual receiver station number.

7. (Previously presented) A server according to claim 1, wherein said augmentation data is determined from data transmitted by a plurality of receiver stations, said server comprising a third input for receiving data transmitted by one of said receiver stations.

8. (Previously presented) A system for supplying complementary augmentation data for satellite navigation user signals, said system comprising:

at least one computer for determining said augmentation data from data transmitted by at least one receiver station receiving navigation information sent by at least one satellite, and

at least one data server comprising:

a first input for receiving said augmentation data transmitted by said at least one computer;

a first output for sending said augmentation data to at least one user; and

a second output for retransmitting said augmentation data to said at least one computer with a predetermined time-delay relative to reception at said first input.

9. (Currently amended) A system according to claim 8, comprising a plurality of computers for determining said augmentation data;

wherein said augmentation data server ~~comprises means for~~ is adapted to selecting a computer from said plurality of computers;

wherein said second output retransmits said augmentation data received from said selected computer to said plurality of computers with a predetermined time-delay relative to the reception of said augmentation data.

10. (Previously presented) A system according to claim 9, wherein said augmentation data retransmitted to said plurality of computers includes an identifier of said selected computer.

11. (Previously presented) A system according to claim 9, wherein said selection is repeated cyclically on each reception of said augmentation data by said server.

12. (Currently amended) A system according to claim 8, comprising at least one active first augmentation data server and one redundant second augmentation data server;

wherein said computer transmits said augmentation data to said first input of said active server, and does not transmit said augmentation data to said first input of said redundant server; and

wherein said computer ~~includes means for~~ is adapted to inverting the roles of said first and second servers, said second server becoming the active server and said first server becoming the redundant server.

13. (Currently amended) A system according to claim 12, wherein said ~~means for reversing~~ said computer is adapted to invert the roles of said first and second servers ~~is commanded~~ cyclically on each sending of said augmentation data.

14. (Currently amended) A system according to claim 8, comprising ~~broadcasting means~~ a broadcaster connected to said first output of said server to broadcast said augmentation data to the users.

15. (Previously presented) A system according to claim 14, wherein said broadcasting means consist of the Internet.

16. (Currently amended) A system according to claim 8, comprising ~~routing and broadcasting means~~ a router-broadcaster, said augmentation data being determined from data transmitted by a plurality of receiver stations and then routed and broadcast to said computer by said ~~routing and broadcasting means~~ router-broadcaster, said augmentation data retransmitted by said server being also routed and broadcast to said computer by said ~~routing and broadcasting means~~ router-broadcaster.

17. (Previously presented) A system according to claim 8, comprising a plurality of augmentation data servers.

18. (New) A server according to claim 1, wherein said predetermined time-delay simulates a transmission delay as would be caused by a geostationary satellite.

19. (New) A server according to claim 8, wherein said predetermined time-delay simulates a transmission delay as would be caused by a geostationary satellite.

20. (New) A system for supplying complementary augmentation data for satellite navigation user signals, said system comprising:

- at least one computer for determining said augmentation data from data transmitted by at least one receiver station receiving navigation information sent by at least one satellite, and

- at least one data server comprising:

- a first input for receiving said augmentation data transmitted by said at least one computer;

- a third input for receiving data transmitted by one of said at least one receiver station;

- a first output for sending said augmentation data to at least one user; and

- a second output for retransmitting said augmentation data to said at least one computer with a predetermined time-delay relative to reception at said first input, wherein said predetermined time-delay simulates a transmission delay as would be caused by a geostationary satellite, wherein said second output retransmits said augmentation data using a receiver station number corresponding to the one of said at least one receiver station.